N8800PRO V2

10GbE Ready,
2U Power Storage Server

10GbE Ready Fiber/10GBASE-T

High-end data centers often need a level of speed that today's average Internet cannot provide. This Thecus NAS is 10Gb Ethernet ready to satisfy the toughest needs of today and tomorrow.

Multiple RAID

When it comes to data management, Thecus NAS truly let you have it your way. Create multiple RAID volumes each supporting different RAID modes including RAID 0, 1, 5, 6, 10 and JBOD for your own balance of performance and data protection. Should a hard drive malfunction occur, changing one is simple thanks to online RAID migration and expansion, hot spare, and auto rebuild.

XFS Ext3 Ext4 Selectable File System

Support for multiple file systems including EXT3, EXT4, and XFS, gives Thecus NAS flexibility to handle many different types of environments. Users can simultaneously use different file systems across multiple RAID volumes to get the best of each one.

Rsync Backup

Backing up your data is very necessary, and everyone has specific needs when it comes to storage. Thecus's Rsync functionality gives users great flexibility with remote backup capability, a flexible scheduler, and the stability of Linux-based transfer.

User Quota

Divide the massive storage of a Thecus NAS among multiple users. Whether there are two users or 100, user quotas make it easy to divvy up and manage disk space.

iSCSI Thin-Provisioning

Get the most out of your storage space with the extreme speed of iSCSI and the efficiency of iSCSI thin provisioning. Connect through iSCSI for the fastest data transfer speeds available and make wasted disk space a thing of the past with thin provisioning's flexible storage functionality.

iOS/Android Connectivity

In the modern world, nothing is as important as reaching your data from anywhere. With ThecusShare and the Thecus Dashboard, you can manage your NAS, and upload to and download/stream from your NAS using an iOS or Android device on the go.

PCI-e slot

Thecus NAS products are ready for a number of emerging technologies. Through the built in PCI-e slot, business users can add a 10G Ethernet Adaptor for lighting fast transfer speeds.

Add-on apps

Thecus Dashboard
ThecusShare
Photo Server
Download Manager
USB Copy
Media Server
Transmission (BT Client)
MySQL
Web Server
USB/eSATA Backup
RAID Volume Replication
Simple Surveillance
NZBGet

N8800PRO V2
Specifications

Hardware Platform

Processor
- Intel® Core™ 2 Duo

System Memory
- 4GB DDR2 SDRAM

LAN Interface (PCI-e)
- RJ-45x2: 10/100/1000 BASE-TX Auto MDI/MDI-X
- WOL supported

USB Interface
- USB 2.0 host port x4 (front x2, back x2) (Type A)

LED Indicator
- Power: (yellow)
- System Alert: Redundant power or system fan failure (red)
- HDD1-8 Activity/Fail (green/red)

LCM
- Displays system status and information

Disk Interface
- 8 x SATA for internal
- 1 x eSATA for external

Power Supply
- Redundant power supply 350W

PCI-e x8 Slot x1

Thermal/Fan Control
- Thermal sensor on processor temperature
- System FAN speed controlled by temperature

System Fan
- Hot Swappable (x4)

System Clock
- Battery-backed up system clock

Power Management
- Auto power on after shutdown due to power loss

Buzzer
- Adjustable frequency alarm

Buttons
- Power button
- LCM button (ENT, ESC, UP, DOWN)

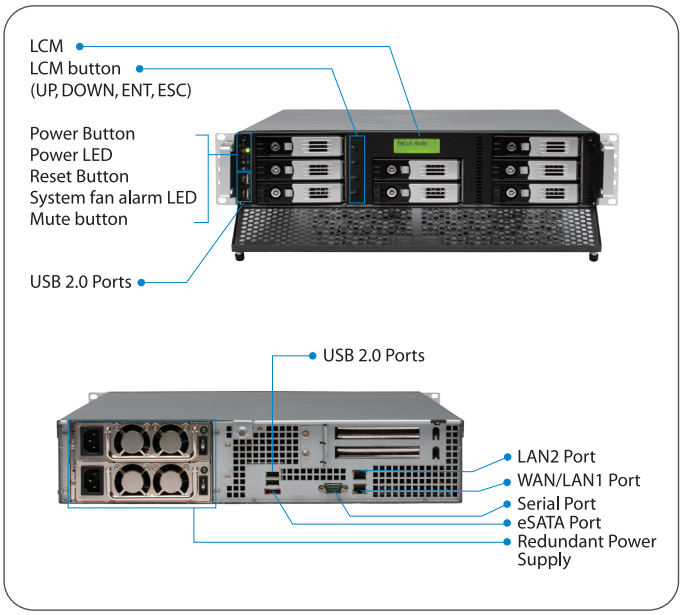
RS232
- 1 (For UPS)

Environment
- Temperature: 5°C to 40°C
- Humidity: 0 ~ 80 % R.H. (Non-condensing)

Chassis
- 2U Rack mount

Dimensions (HxWxD)
- 90 x 428 x 586 (mm)

Certificates
- CE/FCC/C-Tick/VCCI/BSMI
- RoHS
- WEEE
- VMware, Citrix



Software Functions

RAID
- RAID Modes: RAID 0, 1, 5, 6, 10 and JBOD
- Auto-rebuild: Supported
- Hot-swap: Supported
- Hot Spare: Supported
- Online RAID Migration: Supported
- Online RAID Expansion: Supported
- RAID Volume Encryption: AES256bit

Disk
- Power Management: Available spin-down while idle setting
- Bad Block Scanning: Supported
- SMART Info: Supported
- SMART Test: Supported
- Disk Roaming: Supports volume-based roaming to other Thecus NAS

Network
- Configuration: Fixed IP address, dynamic IP address
- Transport Protocols: TCP/IP/AppleTalk
- File Protocols: SMB/CIFS, HTTP/HTTPS, FTP, NFS v4, AFP
- Link Aggregation: Load balance, Failover, 802.3ad, Balance-XOR, Balance-TLB, Balance-ALB
- TCP/IP: IPV4

Data Access
- Client OS Support:
  Windows 2000/XP/2003/Vista/7
  UNIX/Linux
  Mac OS X
- FTP: Built-in FTP server with bandwidth control
- Secure FTP: Built-in secure FTP server with bandwidth control
- TFTP:
  Users can download and upload files with TFTP programs
- Download Manager:
  BT download (via Transmission module)
  HTTP/FTP/BT/eMule (via DLM module)
  NZB download (via NZB module)
- Printer Server (IPP):
  1. Supports USB printers
  2. Supports a wide range of IPP printers
  3. Client can manage print tasks (list/delete) via web user interface

Data Backup
- Client Incremental Data Backup:
  Acronis True Image (OEM version)
- Client System Disaster Recovery:
  Acronis True Image (OEM version)
- Client Side Backup Software:
  Thecus Backup Utility (Windows/Mac OS X)
- Rsync Backup: Rsync replicates data between two systems (via Rsync module)
- Mac OS X Time Machine: Supported

Block Level Access
- iSCSI Target/Initiator: Supports Microsoft/Mac OS X/Linux initiators and Thecus NAS targets
- iSCSI Thin Provisioning: Supported
- MPIO: Supported
- MCS: Supported
- Clustering: Supported
- SCSI3 persistent group reservation: Supported

Power Management
- Scheduled Power On/Off: Supported

Volume Management
- Multiple RAID: Supported
- Multiple File System Selectable: EXT3/EXT4/XFS

Multimedia Support
- iTunes Server: Supports AAC, MP3 w/ID3 tag and WAV
- Piczza!™ Web Server (via module):
  1. Supports GIF, JPG (JPEG), BMP, PNG
  2. Support EXIF display
  3. Support slide show
- Media Server: Support uPnP AV streaming protocol (via Twonkymedia module)

User Authentication
- Local User: Supports built-in user accounts
- Local Group: Supports built-in user groups
- Windows ADS: Supported

File System
- Type: Journaling File System
- Language Support: Unicode Support
- Authorization (ACL): "Read", "write", or "deny" privileges to individual users or groups in folders and sub-folders
- User Quota: Supported

Administration
- User Interface: Web-based user interface supports English, Traditional Chinese, Simplified Chinese, Japanese, Korean, French, German, Italian, Spanish, Russian, Polish and Portuguese
- Utility Program:
  MS Windows Setup Wizard
  Supports Windows 2000/XP/2003/Vista/7
  Mac OS X Setup Wizard
- Email Notifications: Sends system messages via e-mail to the system administrator
- SNMP Trap: System information trap out

Mobile Applications (iOS/Android)
- Thecus Dashboard:
  Mobile monitoring and administration (via module)
- ThecusShare™:
  Uploading, downloading, and streaming multimedia
- Thecus-Disk™: Manage files and folders on Thecus NAS, playback audio and video media, and view photos and documents

Others
- Recycling Bin: Supported
- Web Disk: Supported (via module)
- Web Server: Supported (via module)
- ISO Mount: Supported
- User/System Module: Supported
- IP Cam Surveillance:
  Supports up to 10 IP cameras (via module)
- Auto Module Installation: Thecus's module server automatically provides the latest modules and updates through the user interface

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*Design and specifications are subject to change without prior notice.

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VERSION 06/2012